Genetic Disorder Research Chart / Idea Map

Write Name, Hour, Date on the back of your document page. Follow all directions.

Choose one topic from the chromosome designated to your class. Write your name next to it on the list. You will be researching a genetic disorder that has been mapped to a specific gene(s) on a specific chromosome. Use the following websites to:

- Complete the information boxes on your page. Be thorough. Always explain.
  - 3 Empty boxes—choose three of the topics below. Write the topic in each box as a heading.
    - Who it affects—be specific
    - Different Types/Forms
    - Type of Inheritance—explain
    - History of the Disease—When, where, how, who discovered
    - Diagnosis/Tests
    - Statistics

- Find the picture of the chromosome with the mapped gene location (arrow) and a written description of the gene location. Copy and paste both into the appropriate box. These must be on the front of your assignment. If there no other genes involved, say so.

- Click on the chromosome # under the heading Information about specific chromosomes at the top of the page.
- Click on the link in the 2nd section that says, “disorders associated with genes on chromosome #__”
- A list of the disorders appears. Locate yours and click it.
- A page appears with information about that disease/disorder. Use this information to help you complete your research map.

Other helpful websites:

http://learn.genetics.utah.edu/content/disorders/whataregd/
http://www.dmoz.org/Health/Conditions_and_Diseases/Genetic_Disorders/
http://www.ornl.gov/sci/techresources/Human_Genome/medicine/assist.shtml
http://www.tburg.k12.ny.us/starkweather/ms.%20kreutzer/genetic_disorders.htm
http://www.familyvillage.wisc.edu/specific.htm

You will need to Enable Editing to be able to type in the boxes. If you type, you may need to make adjustments for formatting. Only print page 2 (your map) when printing.